

Historical Floods: Chemung River at Chemung, New York

Latitude: 42.002

Flood Stage: 16 ft

Period of Record: 1904-Present

Last Flood: 3/15/2007

Longitude: -76.635

Number of Floods: 57

Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code
3/8/1904	17.60	63,200	Minor	C1
4/25/1910	16.76	57,000	Minor	C1
3/26/1913	16.50	52,500	Minor	C1
3/29/1914	17.00	59,900	Minor	C1
5/13/1914	16.35	55,200	Minor	C1
2/25/1915	16.42	55,700	Minor	C1
3/28/1916	16.53	56,500	Minor	C1
6/18/1916	18.20	68,900	Minor	C1
3/15/1918	17.96	67,000	Minor	C1
5/23/1919	16.78	58,300	Minor	C1
3/13/1920	17.18	61,200	Minor	C1
4/21/1929	17.10	57,400	Minor	C1
7/9/1935	19.45	86,000	Minor	none
3/12/1936	19.57	87,300	Minor	none
3/18/1936	18.61	76,700	Minor	none
2/21/1939	17.80	68,000	Minor	none
4/1/1940	19.62	87,800	Minor	none
4/4/1940	17.83	68,300	Minor	none
4/6/1941	16.92	55,300	Minor	none
3/10/1942	17.47	60,700	Minor	none
12/31/1942	19.04	77,400	Minor	none

3/4/1945	16.79	54,100	Minor	none
5/28/1946	23.97	132,000	Moderate	none
4/6/1947	18.01	66,500	Minor	none
6/4/1947	16.10	49,200	Minor	none
3/22/1948	18.26	69,300	Minor	none
3/29/1950	19.12	80,300	Minor	none
11/26/1950	18.66	74,100	Minor	none
3/31/1951	19.19	81,300	Minor	none
3/12/1952	17.17	54,300	Minor	none
3/25/1953	16.09	46,000	Minor	none
10/15/1955	20.13	89,000	Moderate	none
3/8/1956	19.22	76,100	Minor	none
4/5/1956	16.02	45,500	Minor	none
4/7/1958	16.94	52,400	Minor	none
1/22/1959	17.90	61,000	Minor	none
3/31/1960	19.02	73,500	Minor	none
2/26/1961	17.39	56,300	Minor	none
4/26/1961	18.24	64,400	Minor	none
3/6/1964	20.44	93,800	Moderate	none
3/3/1972	17.53	52,000	Minor	none
6/23/1972	31.62	189,000	Major	F3

Drainage Area: 2506 sq mi

Gage Datum: 778.63 ft MSL

Chemung Basin

County of Gage: Chemung

County of Forecast Point: Chemung

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2/26/1975	17.00	52,000	Minor	none
9/27/1975	24.10	125,000	Major	none
2/18/1976	17.07	52,500	Minor	none
3/22/1978	16.25	47,200	Minor	F2
3/6/1979	18.24	61,500	Minor	F2
2/15/1984	18.20	61,200	Minor	F2
4/6/1984	17.25	54,100	Minor	F2
2/22/1994	18.97	-9,999	Minor	F2
3/25/1994	16.45	48,600	Minor	F2
1/20/1996	19.71	77,800	Minor	F2
11/9/1996	18.52	67,500	Minor	F2
9/10/2004	16.05	49,500	Minor	F2
9/18/2004	18.45	66,900	Minor	F2
4/3/2005	17.40	58,600	Minor	F2
3/15/2007	16.63	53,300	Minor	F2

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Date of Flood

Crest (ft)

Streamflow (cfs)

Category

Code

-9999 signifies missing data

MARFC Codes

Code Description

- C1 Crest information looks unreliable and incomplete and not used in frequency calculations. Some of the floods are based on current flood stage and nearby gage information.
- C2 Crest information looks reliable despite potential problems. This data was used in frequency calculations.
- C3 Crest height estimated by the USGS.
- C4 Crest height is from the National Weather Service.
- C5 Crest height affected by backwater.
- C6 Crest occurred at a previous flood stage that is lower than the current flood stage. The crests below the new flood stage are not used in flood frequency calculations.
- C7 Crest from USGS yearly peak and/or date is different than the crest we provide. In many cases MARFC uses crest based on backwater or ice effects. Crest month or day of occurrence has been estimated by The Middle Atlantic River Forecast Center usually based on nearby gage information.
- C8 Crest date (day) in the month is unknown.
- C9 Flow is an estimate.
- F1 Flow affected by regulation or diversion and in some cases to an unknown degree.
- F2 Flow effected by snow-melt, ice jam or debris jam break up.
- F3 Flow affected by dam failure.
- F4 Flow - All or part of the record affected by urbanization, mining, agricultural changes, channelization or other factors.
- F5 Gage height at a different site and/or datum.
- G1 Gage is not an official USGS gage with crests provided by the NWS. Crest information looks unreliable and incomplete and not used in flood frequency calculations.
- G2 Gage datum changed during this year.

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